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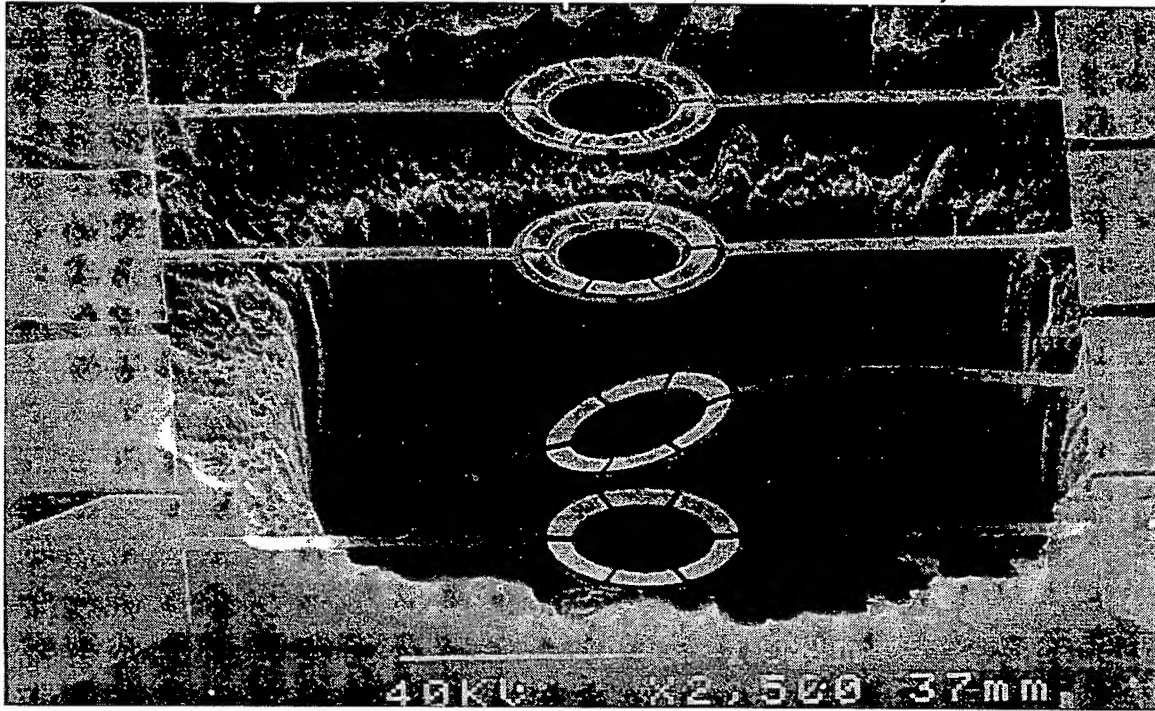


Fig. 1

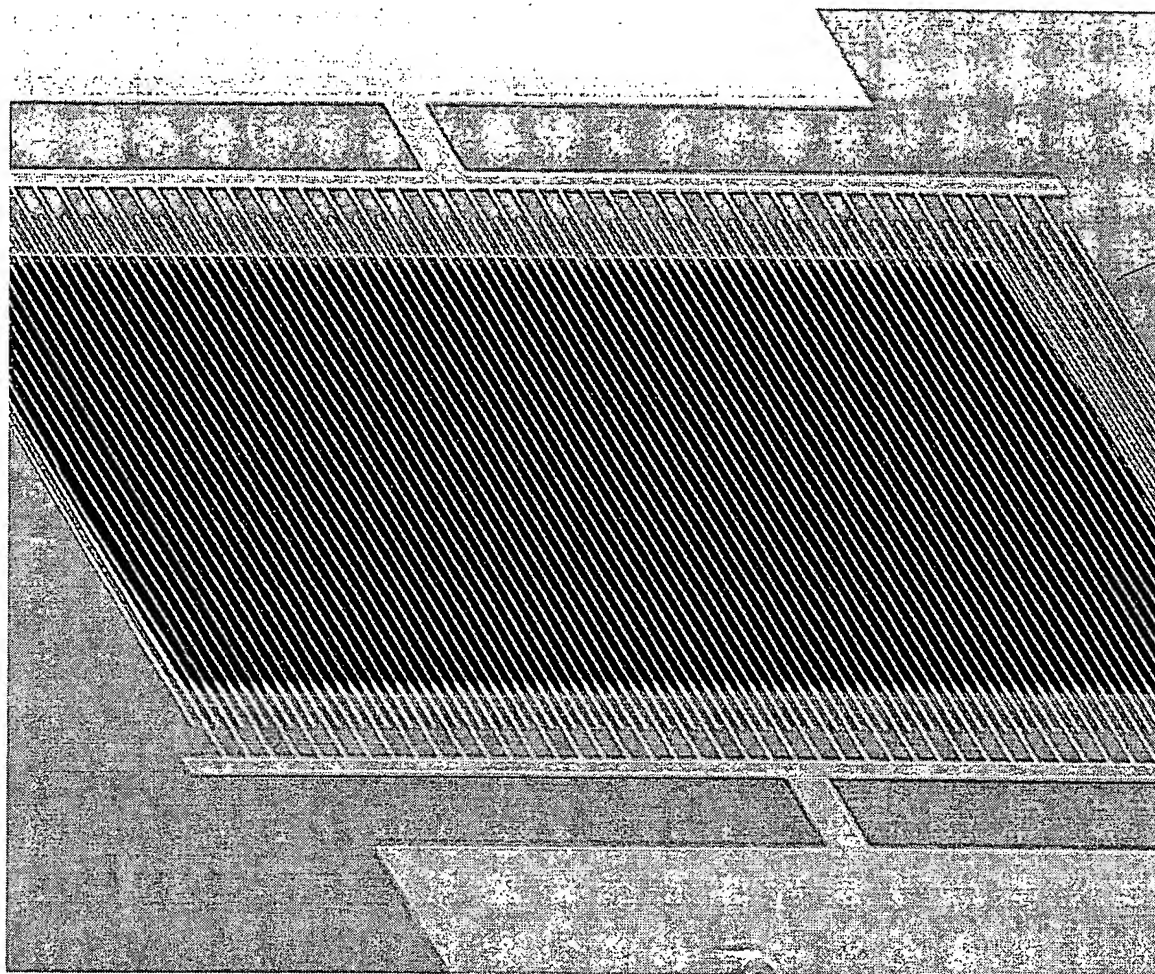


Fig. 2

Fig. 3a

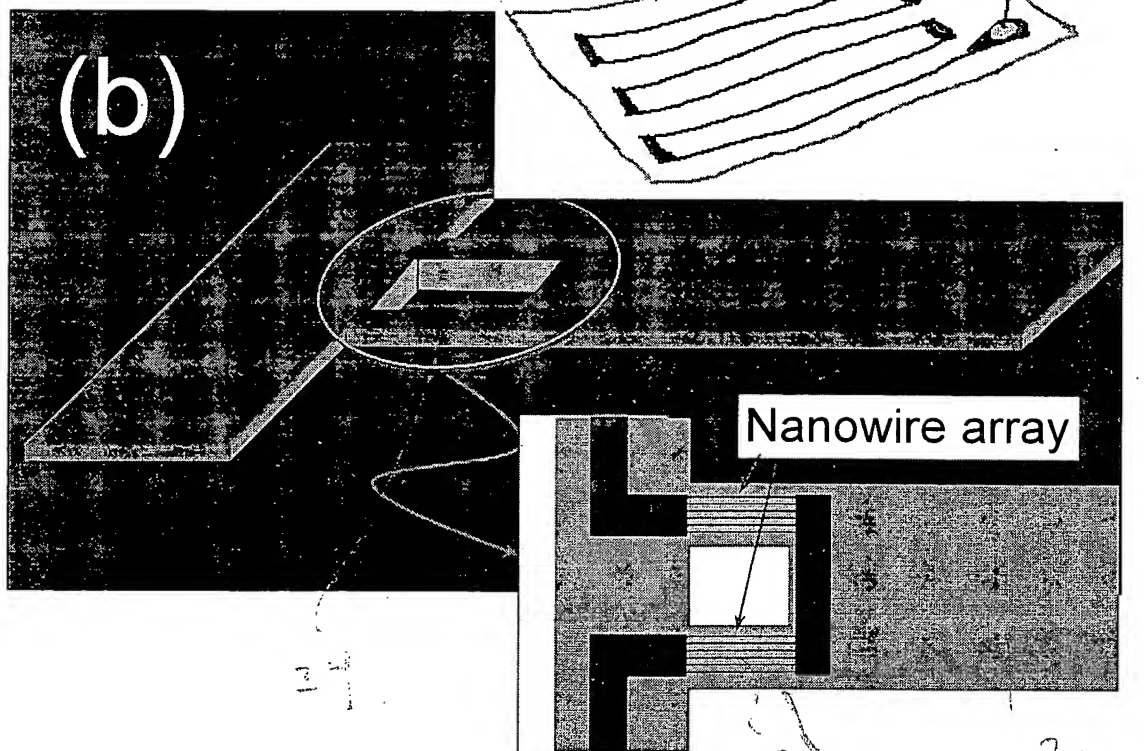
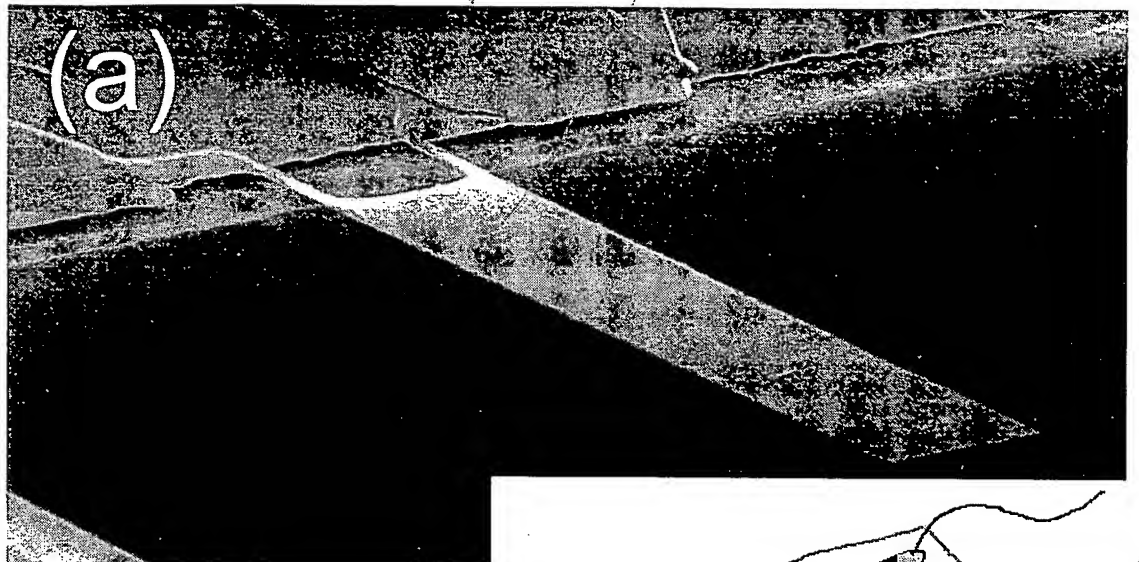
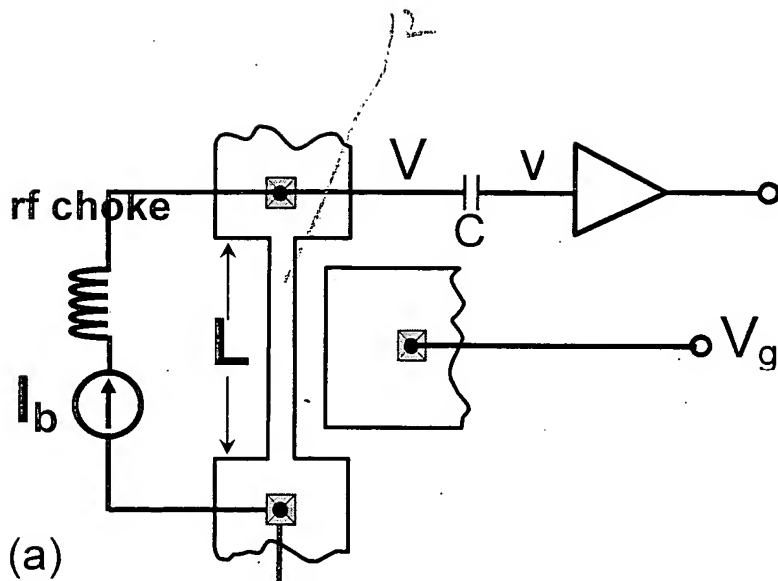
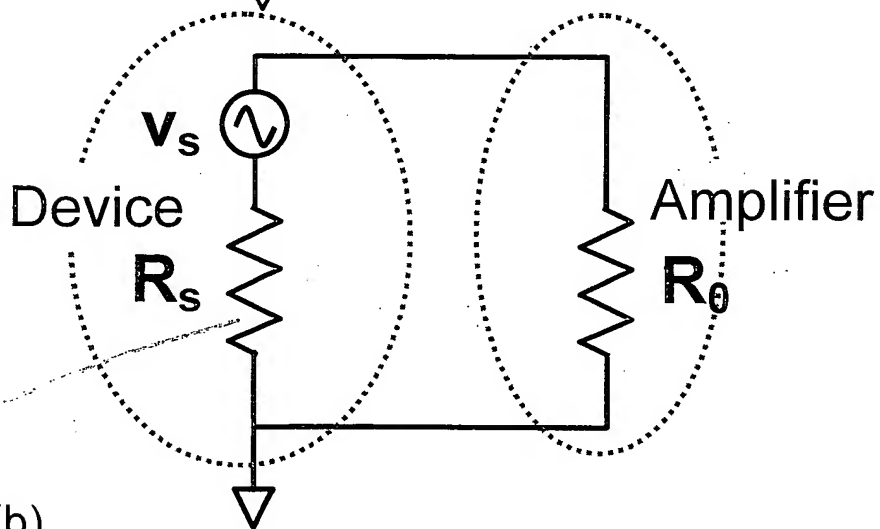


Fig. 3b

Fig. 4a



(a)



(b)

Fig. 4b

Fig. 5a

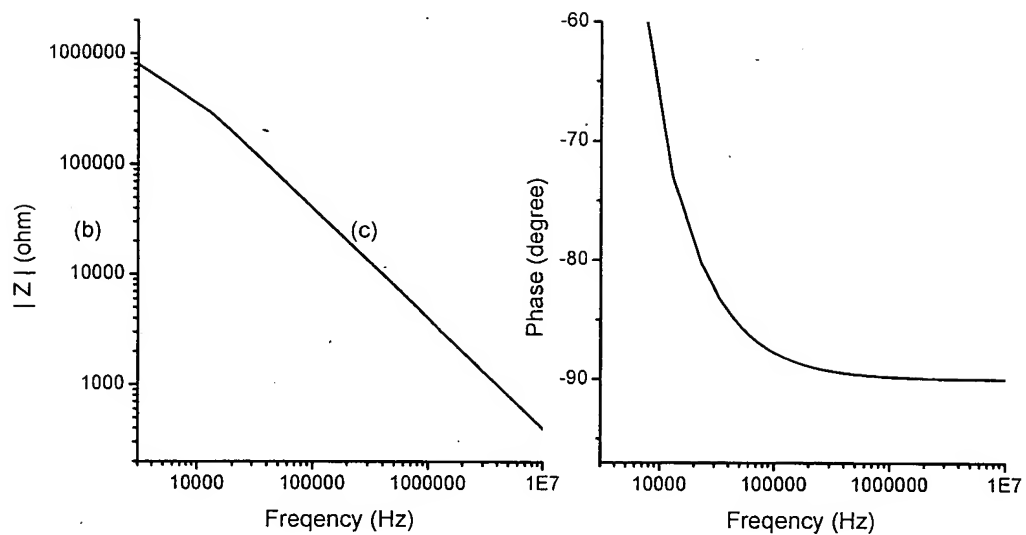
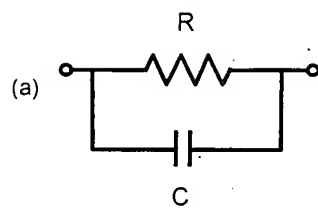


Fig. 5b

Fig. 5c

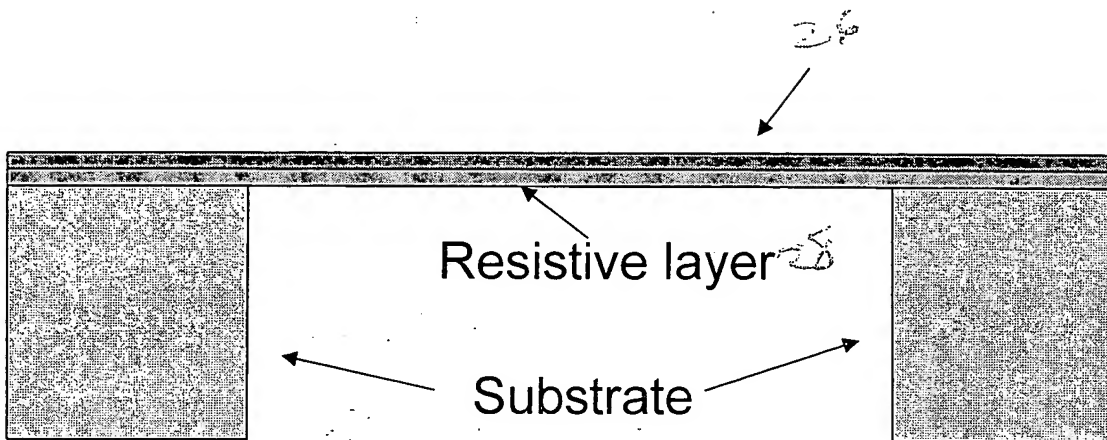


Fig. 6

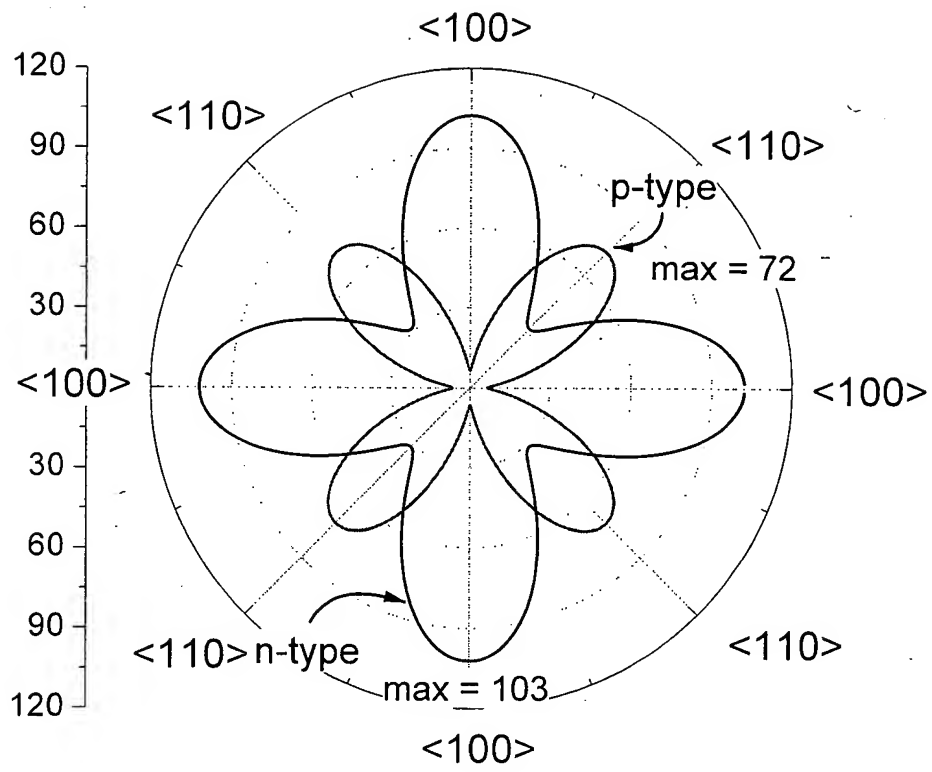


Fig. 7

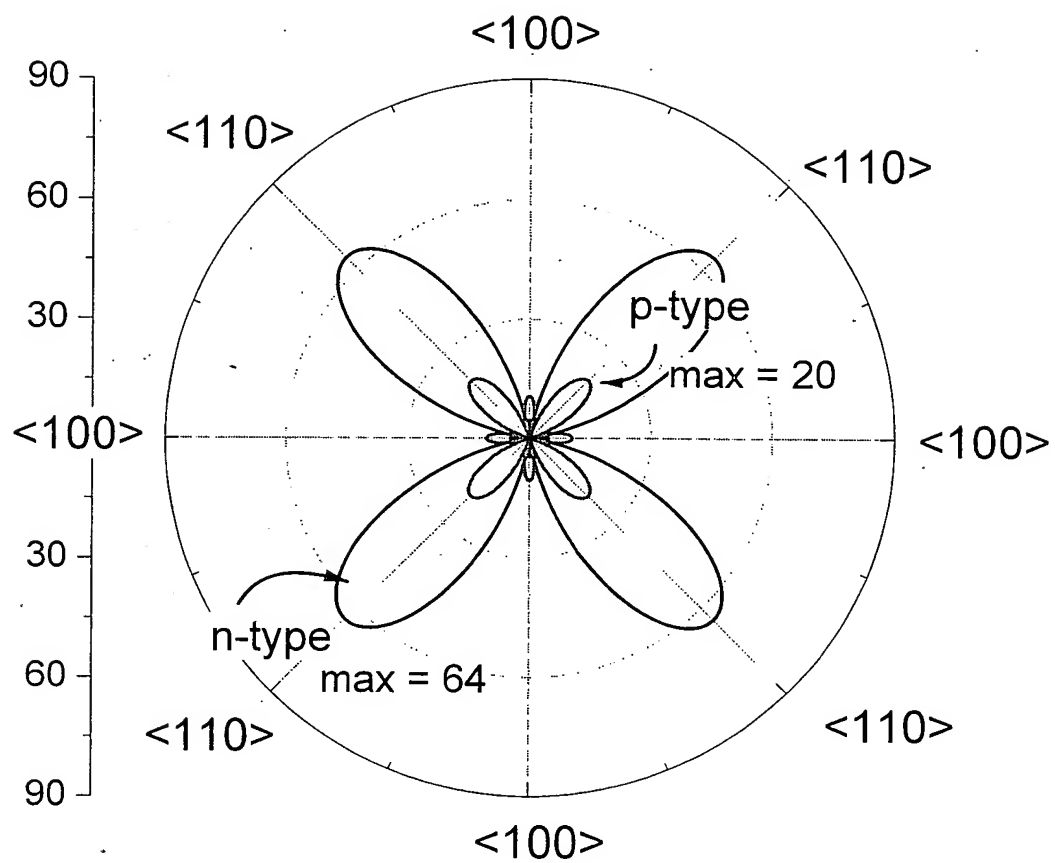


Fig. 8

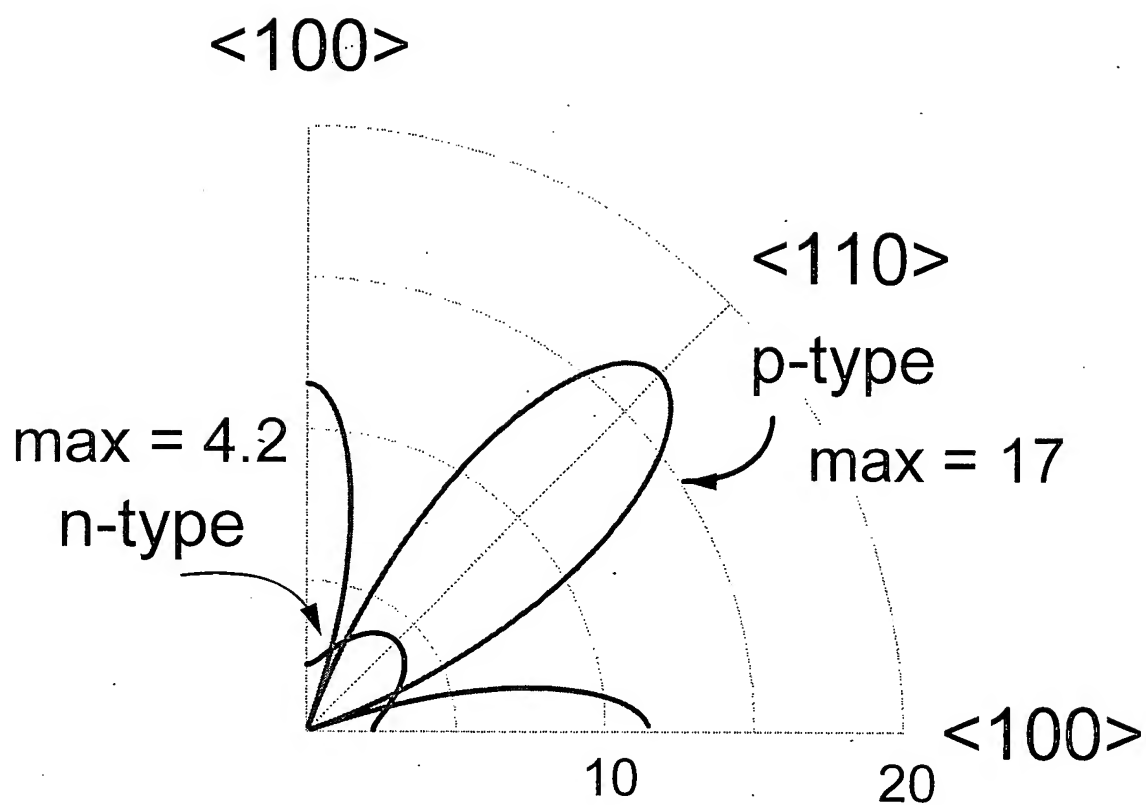
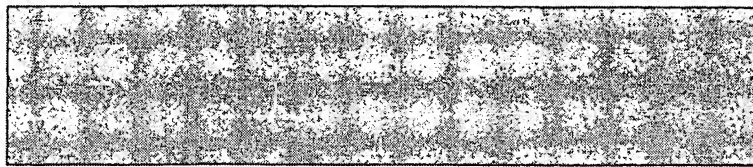


Fig. 9

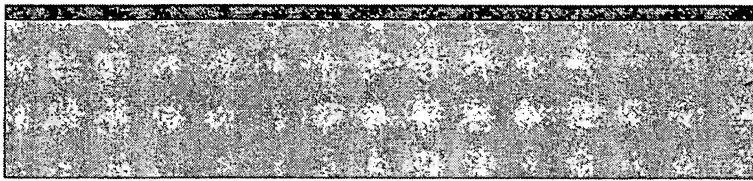


- 1, 2.58MHz
- 2, 3.39MHz
- 4, 2.96MHz
- 5, 2.83MHz
- 6, 2.71MHz
- 7, 2.85MHz
- 9, 2.83MHz
- 10, 2.83MHz
- 13, 2.97MHz
- 14, 2.79MHz
- 17, 2.43MHz
- 18, 2.97MHz

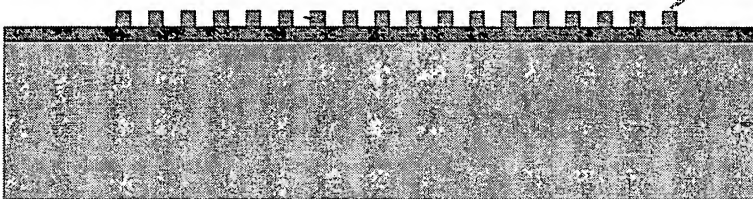
Fig 10



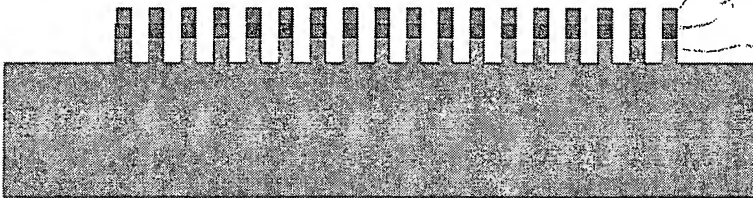
40
Fig. 11a



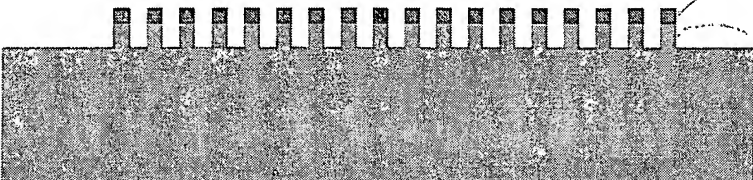
42
40
Fig. 11b



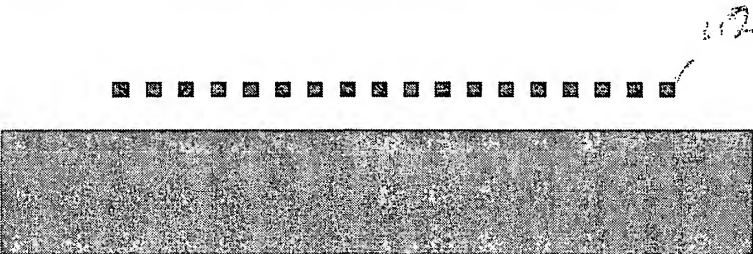
44
42
40
Fig. 11c



44
42
40
Fig. 11d

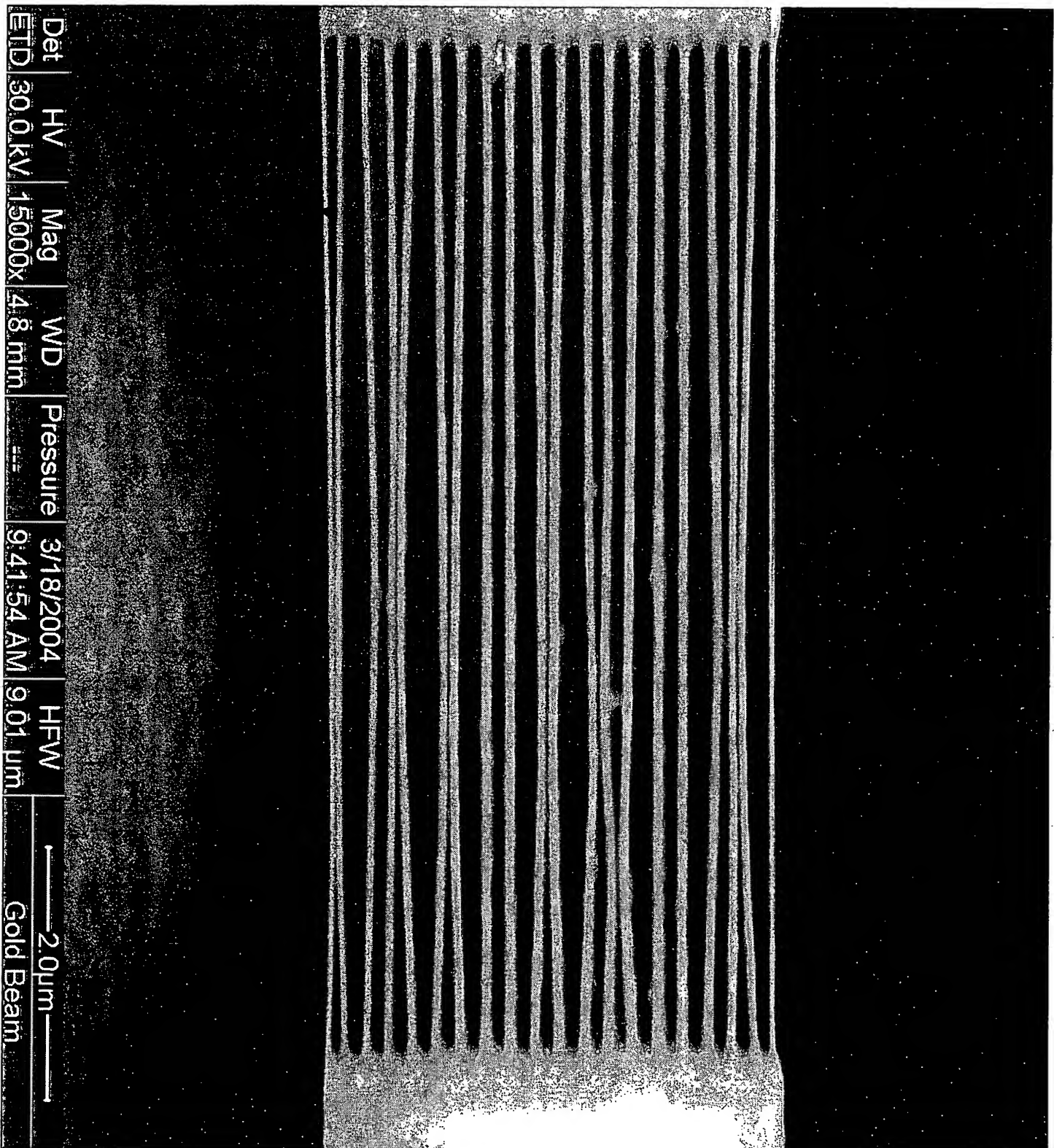


42
40
Fig. 11e



42
40
Fig. 11f

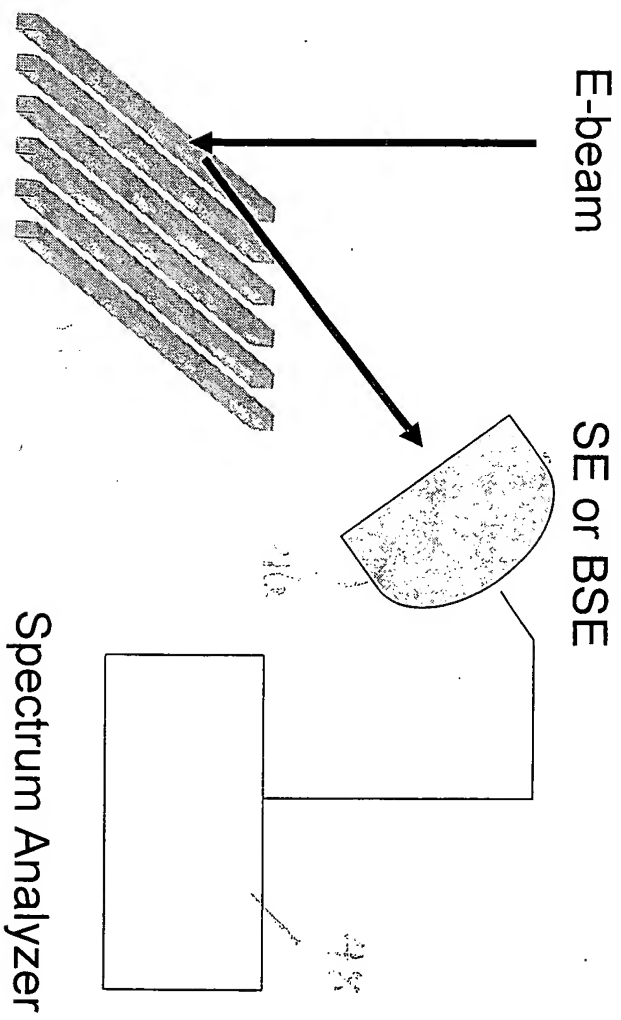
Fig. 12



Det	HV	Mag	WD	Pressure	Date	Time	HFV
ETD	30.0 kV	15000x	4.8 mm	---	3/18/2004	9:41:54 AM	9.01 μm

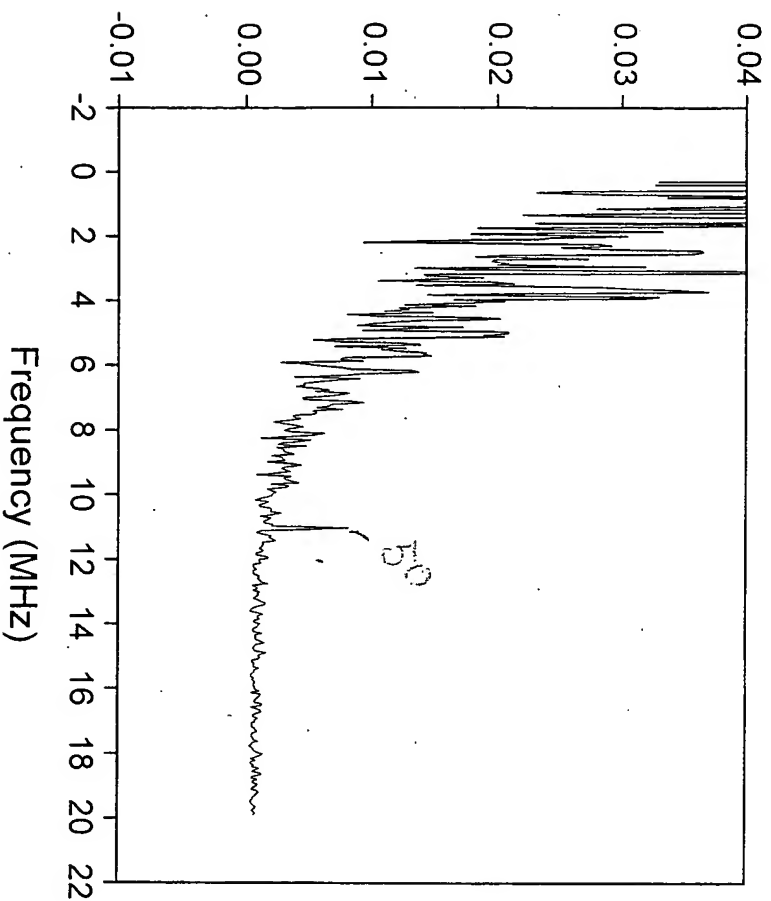
2.0 μm

Gold Beam



Line 2

Fig. 14
(a)



Line 20

Fig. 14
(b)

$Q=1800$

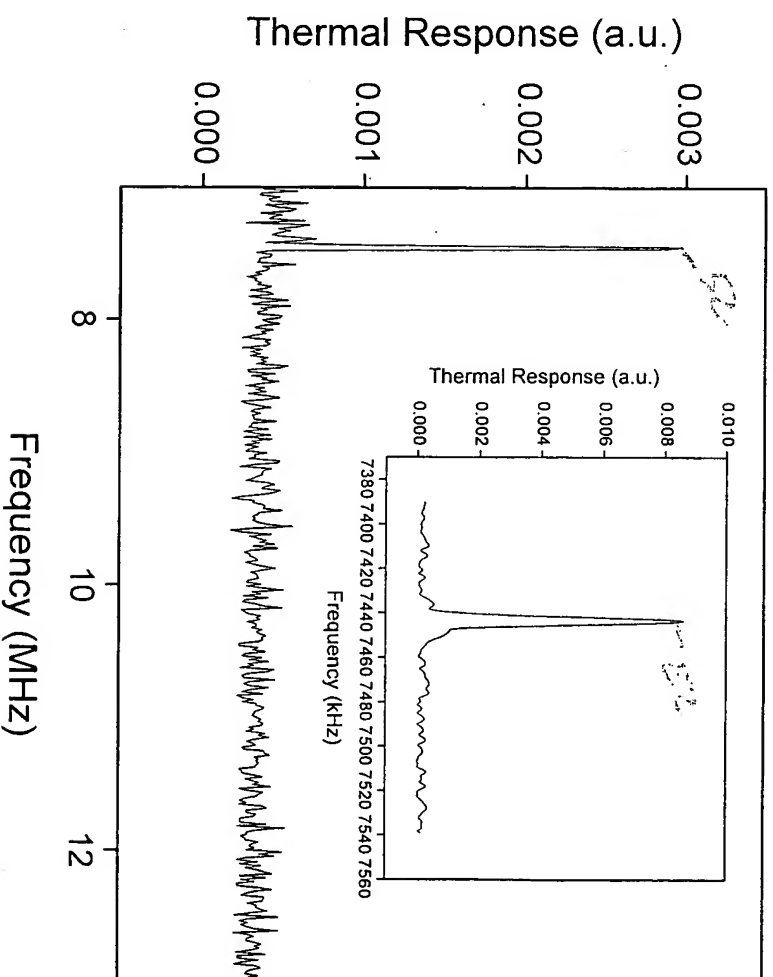


Fig. 15

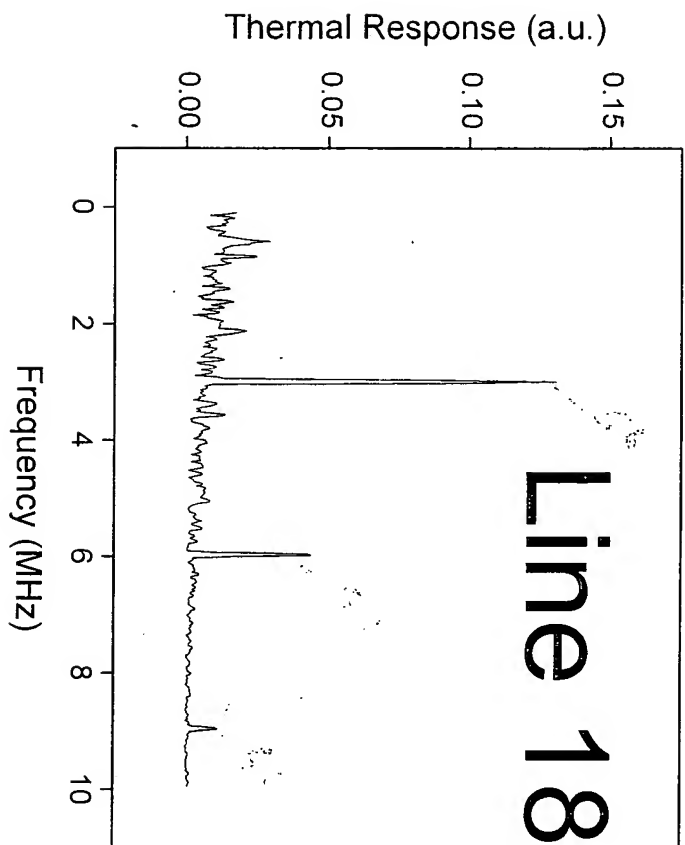
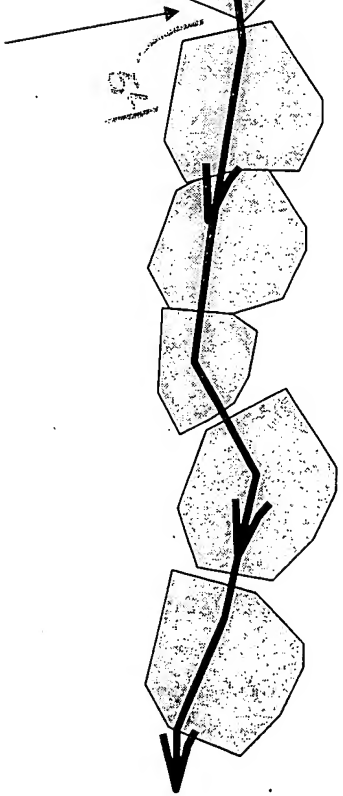


Fig. 110a

Unstressed discontinuous film



Gap changed under strain

Fig. 110b

Stressed discontinuous film

